



PATENT
Attorney Docket No. BKE-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Ponomarenko
SERIAL NO.: 10/008,599 GROUP NO.: 2121
FILING DATE: December 3, 2001 EXAMINER: Not yet assigned
TITLE: Optical Multi-Gate Device and Method

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT

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Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:


- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: 2/10/04
Reg. No. 43,526

Tel. No.: (617) 248-7476
Fax No.: (617) 248-7100

3016241

Respectfully submitted,



Jennifer A. Camacho
Attorney for Applicant(s)
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|--|--|------------------------|-------------------------------|
| U.S. Department of Commerce, Patent and Trademark Office | | Serial No. 10/008,599 | Atty. Docket No. BKE-004 |
| | | Applicant: Ponomarenko | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | |
| (Use several sheets if necessary) | | | |
| | | Group: 2121 | Filing Date: December 3, 2001 |
| U.S. Patent Documents | | | |

| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----|-----------------|---------------|---------------------|-------|----------|----------------------------|
| | AA | 4,262,992 | Apr. 21, 1981 | Berthold III John W | 350 | 96.14 | Apr. 18, 1979 |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
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| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

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| Foreign Patent Documents | | | | | | | |
|--------------------------|-----|----|---------------|--------------------------|-----------------------------|--|--|
| Translation | | | | | | | |
| No | Yes | | | | Country | | |
| | | AL | WO 01/67607 | Romaniuk Charles C | International Publication | | |
| | | AM | EP 01 174 759 | Lucent Technologies Inc. | European Patent Application | | |
| | | AN | | | | | |
| | | AO | | | | | |
| | | AP | | | | | |

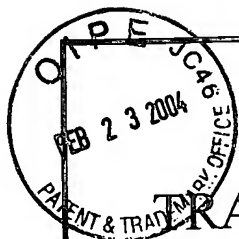
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | AR | Gatti E et al. 'Logical Operations by Interferometric Techniques' Electronics Letters, 13 December 1968, UK, Vol. 4, no. 25, pages 556-557 |
| | | |
| | | |

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|-----------------|----------|
| Date Considered | Examiner |
|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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TRANSMITTAL FORM

| | |
|---------------------------|------------------|
| Application Serial Number | 10/008,599 |
| Filing Date | December 3, 2001 |
| First Named Inventor | Ponomarenko |
| Group Art Unit | 2121 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket No. | BKE-004 |
| Patent No. | Not applicable |
| Issue Date | Not applicable |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences |
| <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] | <input type="checkbox"/> Formal Drawing(s) | <input type="checkbox"/> Appeal Brief (in triplicate) |
| <input type="checkbox"/> Petition for Extension of Time | <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal | <input type="checkbox"/> Status Inquiry |
| <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations | <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 |
| <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application | <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 |
| | <input type="checkbox"/> Small Entity Statement | <input type="checkbox"/> Additional Enclosure(s) (please identify below) |
| | <input type="checkbox"/> CD(s) for large table or computer program | |
| | <input type="checkbox"/> Amendment After Allowance | |
| | <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate) | |

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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 20th day of February, 2004.

Wendy Martin
Wendy Martin

Commissioner for Patents
P.O. Box 1450
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Sir:

Submitted herewith is/are: Transmittal Form (1 pg.); Supplemental Information Disclosure Statement (2 pgs.); Form 1449 (1 pg.); Cited References AA, AL, AM and AR; Return receipt postcard; and this Certificate of First Class Mail.

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